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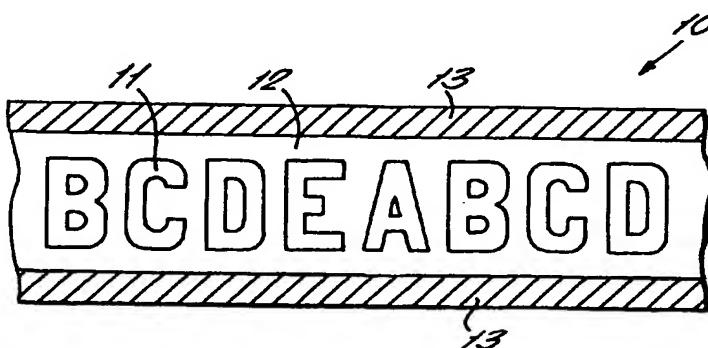
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Declarations under Rule 4.17:

as to applicant's entitlement to apply for and be granted  
a patent (Rule 4.17(ii)) for the following designations AE,  
AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ,  
CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE,  
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[Continued on next page]

(54) Title: SECURITY THREAD



(57) Abstract: The current invention relates to a security element for security substrates, such as those used for banknotes and the like, having enhanced public recognition, anti-counterfeit and detection properties. A security element comprising an elongate strip of a light transmitting polymeric substrate, said substrate being provided with a magnetic feature and a metallic design, the metallic design being provided by a combination of metal and non-metallic regions and comprising indicia, characters, patterns, designs, or geometrical shapes or a combination of the aforesaid design comprising at least one repeating pattern of which one or more of the frequency, the instantaneous amplitude and/or the maximum amplitude of the pattern varies along the length of the element, said pattern being positioned relative to the magnetic feature such that it does not overlap therewith.

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SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)  
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# INTERNATIONAL SEARCH REPORT

International Application No  
/GB2004/000077

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B42D15/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B42D D21H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category <sup>*</sup>	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 92/11142 A (GAO GES AUTOMATION ORG) 9 July 1992 (1992-07-09) cited in the application</p> <p>page 7, line 1 - page 11, line 3; figures 2-6</p> <p>-----</p>	1-10, 13-15, 17, 19-23,25

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

• Special categories of cited documents :

- A• document defining the general state of the art which is not considered to be of particular relevance
- E• earlier document but published on or after the international filing date
- L• document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
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- P• document published prior to the international filing date but later than the priority date claimed

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•X• document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

•Y• document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

•&• document member of the same patent family

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# INTERNATIONAL SEARCH REPORT

national application No.  
PCT/GB2004/000077

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: **26**  
because they relate to subject matter not required to be searched by this Authority, namely:  
**Rule 6.2(a)**
2.  Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

ational Application No  
/GB2004/000077

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 9211142	A 09-07-1992	DE AT BR CA DE DK WO EP ES FI GR KR NO PL PL SI US US US	4041025 A1 143871 T 9106119 A 2076532 A1 59108270 D1 516790 T3 9211142 A1 0516790 A1 2092090 T3 923700 A 3021431 T3 189654 B1 923258 A 168961 B1 169626 B1 9210004 A ,B 5599047 A 5803503 A 5354099 A	25-06-1992 15-10-1996 02-03-1993 21-06-1992 14-11-1996 17-03-1997 09-07-1992 09-12-1992 16-11-1996 18-08-1992 31-01-1997 01-06-1999 19-10-1992 31-05-1996 30-08-1996 28-02-1995 04-02-1997 08-09-1998 11-10-1994